

## APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-10 SUBWATERSHEDS (ACRES)						
	03	04	05	06	07	08	09
Deciduous Forest	55,589	23,866	15,673	54,741	11,114	16,530	23,210
Emergent Herbaceous Wetlands	48		37	1,004		18	9
Evergreen Forest	43,675	13,596	14,511	26,118	7,714	8,258	10,693
High Intensity: Commercial/Industrial/Transportation	154	258	227	1,806	434	1,251	320
High Intensity: Residential	9	76	61	982	174	223	92
Low Intensity: Residential	419	759	819	3,924	998	862	1,101
Mixed Forest	43,200	16,615	17,033	25,787	9,734	10,956	13,835
Open Water	885	18	49	4,433	32	29	66
Other Grasses: Urban/Recreational	186	377	377	1,560	469	471	326
Pasture/Hay	12,154	8,140	26,691	28,961	11,126	16,289	14,827
Row Crops	3,760	2,271	7,653	6,487	2,872	3,917	2,516
Transitional	2,134	637	428	840	300	310	256
Woody Wetlands	344		1,356	1,672		287	202
Quarries/Strip Mines	20			197	6	94	
<b>Total</b>	<b>162,576</b>	<b>66,612</b>	<b>84,914</b>	<b>158,514</b>	<b>44,974</b>	<b>59,495</b>	<b>67,453</b>

**Table A4-1. Land Use Distribution in the Tennessee Portion of Hiwassee River Watershed by HUC-10.** Data are from 1992 Multi-Resolution Land Characterization (MRLC) derived by applying a generalized Anderson Level II system to mosaics of Landsat thematic mapper images collected every five years.

HYDROLOGIC SOIL GROUPS
<b>GROUP A SOILS</b> have low runoff potential and high infiltration rates even when wet. They consist chiefly of sand and gravel and are well to excessively drained.
<b>GROUP B SOILS</b> have moderate infiltration rates when wet and consist chiefly of soils that are moderately deep to deep, moderately to well drained, and moderately coarse to coarse textures.
<b>GROUP C SOILS</b> have low infiltration rates when wet and consist chiefly of soils having a layer that impedes downward movement of water with moderately fine to fine texture.
<b>GROUP D SOILS</b> have high runoff potential, very low infiltration rates, and consist chiefly of clay soils.

*Table A4-2. Hydrologic Soil Groups in Tennessee as Described in WCS.*

STATION	HUC-10	AGENCY	NAME	AREA (SQ MILES)	LOW FLOW (CFS)		
					1Q10	7Q10	3Q20
03557000	0602000203	USGS	Hiwassee River	1,223	480	490	410
03565020	0602000203	USGS	Hiwassee River				
03565000	0602000203	USGS	Hiwassee River	2,001.0	544	1,220	817
351059084261801	0602000203	TVA	Hiwassee River				
03556500	0602000203	USGS	Hiwassee River	1,136.0	59.1	167	76.7
03565300	0602000203	USGS	South Chestuee Creek	31.8	2.49	2.70	2.29
03556000	0602000203	USGS	Turtletown Creek	26.9	12.7	13.1	11.6
03565040	0602000205	USGS	Chestuee Creek	14.8	2.0	2.2	2.0
03565080	0602000205	USGS	Little Chestuee Creek	8.24	2.08	2.15	1.98
03565160	0602000205	USGS	Middle Creek	32.7	7.4	7.5	7.1
03565120	0602000205	USGS	Chestuee Creek	37.8	7.1	7.4	6.9
03565200	0602000205	USGS	Chestuee Creek				
03565250	0602000205	USGS	Chestuee Creek	114.0	22.0	22.0	21.0
03566000	0602000206	USGS	Hiwassee River	2,298.0	647	1,150	704
03566036	0602000206	USGS	South Mouse Creek				
03565500	0602000207	USGS	Oostanaula Creek	57.0	14.0	15.0	12.0
03566117	0602000208	USGS	East Fork North Mouse Creek	2.87	0.11	0.13	0.10
03566253	0602000209	USGS	Greasy Creek	3.12			0
03566200	0602000209	USGS	Brymer Creek	9.68	0.80	0.87	0.68

**Table A4-3. Historical Streamflow Data Summary Based on Mean Daily Flows in Hiwassee River Watershed.** USGS, United States Geological Survey; TVA, Tennessee Valley Authority.

PARAMETER	SUBWATERSHED						
	03	04	05	06	07	08	09
E. coli	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	~
Fecal Coliform		I, K, O	R	U, V, W, X, Y, \$, β	§	◊, ¶, »	€, ~, ?
Enterococcus	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	~
Fecal Streptococcus				Y, ¢			
Total Coliform		I, K	R	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	
Alkalinity (Total)	G		S	\$		◊	€, ~, ?
BOD <sub>5</sub>		I, O	R	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	
BOD (C)		K	R, S	U, V, W, X, Y, β, ¢	§	◊, ¶, »	
Color (Apparent)	G						~
Color (True)	G						~
Conductivity (Field)	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
COD (Low)		I		U, V, W, X, Y, \$, β, ¢		¶	
DO	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Flow	G			Y, β		◊, »	€, ?
Hardness (Total)	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
pH (Field)	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Residue (Dissolved)	G			V, W, X, Y, \$, β	§		€, ~, ?
Residue (Setttable)			S				
Residue (Suspended)	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Temperature	G	I, K, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Total Dissolved Solids (Field)				B			
Turbidity	G						€, ~, ?
RBP III	G						
Ag		K, O		U, V, W, X, Y, \$, β	§	◊, »	
Ammonia N	G	I, O	R, S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
As	G	I, K	S	U, Y, β, ¢	§	◊, ¶, »	€, ~, ?
Ca				\$			
Cd	G	I, K, O	S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Cl <sup>-</sup>	G						?
CN <sup>-</sup>	G	O		V, W, X, Y	§	◊, »	?
Cr (Total)	G	I, K, O	S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Cu	G	I, K, O	S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Fe	G		S				€, ~, ?
Hg	G	I, K, O		U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	
Mn	G		S				€, ~, ?
N (Total Kjeldahl)	G	I, K	R	U, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Ni	G	I, K, O		U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	
NO <sub>2</sub> +NO <sub>3</sub>	G	I, K	R, S	U, \$, β, ¢	§	◊, ¶, »	€, ~, ?
P (Total)	G	I, K	R, S	U, \$, β, ¢	§	◊, ¶, »	€, ~, ?
Pb	G	I, K, O	S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?
SO <sub>4</sub>	G	K					
TOC	G						€, ~, ?
Zn	G	I, K, O	S	U, V, W, X, Y, \$, β, ¢	§	◊, ¶, »	€, ~, ?

**Table A4-4a. Water Quality Parameters Monitored in the Tennessee Portion of the Hiwassee River Watershed.** Codes are described in Table A4-4b.

CODE	STATION	ALIAS	AGENCY	LOCATION
A	HIWAS053.2PO	001580	TDEC	Hiwassee River @ RM 53.2
B	47558		TVA	Appalachia Powerhouse
C	477369		TVA	New Bridge above Guinn Island
D	477401		TVA	Above McClary Islands
E	477620		TVA	Appalachia Dam Tailrace
F	477620C		TVA	Appalachia Dam Tailrace (Continuous)
G	ECO66E18		TDEC	Gee Creek
H	BIG001.2MM	ECO67I05	TDEC	Big Branch @ RM 1.2
I	CANE001.5MM	000425	TDEC	Cane Creek @ RM 1.5
J	CONAS006.2MM	CONASAUGACRIS01	TDEC	Conasauga Creek @ RM 6.2
K	CONAS009.8MM	CONASAUGCK009.8	TDEC	Conasauga Creek @ RM 9.8
L	CONAS018.7MM	CONASAUGACRIS02	TDEC	Conasauga Creek @ RM 18.7
M	CONAS024.1MO	CONASAUGACRIS03	TDEC	Conasauga Creek @ RM 24.1
N	ECO67I11	CHESTUEECRIS02	TDEC	Thompson Branch @ RM 0.5
O	CONASAUGCK008.1MM	CONASAUGCK008.1	TDEC	Conasuga Creek @ RM 8.1
P	CHEST042.37MM	CHESTUEECRIS02	TDEC	Chestuee Creek @ RM 42.37
Q	CHEST042.46MM	CHESTUEECRIS01	TDEC	Chestuee Creek @ RM 42.46
R	CHEST042.5MM	CHESTUEE42.5	TDEC	Chestuee Creek @ RM 42.42.5
S	HARDI014.2WE		TDEC	Hardin Creek @ RM 14.2
T	HIWAS007.4ME	001590	TDEC	Hiwassee River @ RM 7.4
U	HIWAS013.4MM	001587	TDEC	Hiwassee River @ RM 15.0
V	HIWAS015.6MM	HIWASSEE015.6	TDEC	Hiwassee River @ RM 15.6
W	HIWAS016.0MM	HIWASSEE16.0	TDEC	Hiwassee River @ RM 16.0
X	HIWAS016.7MM	HIWASSEE016.7	TDEC	Hiwassee River @ RM 16.7
Y	HIWAS018.6MM	HIWASSEE018.6	TDEC	Hiwassee River @ RM 18.6
Z	HIWAS023.08MM	001585	TDEC	Hiwassee River @ RM 23.0
\$	SMOUS001.2BR	SOMOUSE001.2	TDEC	South Mouse Creek @ RM 1.2
α	SMOUS003.4BR	002731	TDEC	South Mouse Creek @ RM 3.4
β	SMOUS003.5BR	SOMOUSE003.5	TDEC	South Mouse Creek @ RM 3.5
γ	SMOUS004.2BR	002730	TDEC	South Mouse Creek @ RM 4.2
δ	SMOUS006.0BR	002720	TDEC	South Mouse Creek @ RM 6.0
λ	SMOUS009.5BR	002710	TDEC	South Mouse Creek @ RM 9.5
π	SMOUS009.7BR	002700	TDEC	South Mouse Creek @ RM 9.7
ψ	SMOUS014.2BR	002690	TDEC	South Mouse Creek @ RM 14.2
■	SMOUS014.8BR	002680	TDEC	South Mouse Creek @ RM 14.8
▲	475167		TVA	
♠	475901		TVA	
♣	477071		TVA	Chickamauga Reservoir
♥	477397		TVA	
♦	477512		TVA	Chickamauga Reservoir above Hwy 58
♪	477548		TVA	Chickamauga Reservoir Mouth of Price Creek
Ω	477549		TVA	Chickamauga Reservoir
△	477550		TVA	Chickamauga Reservoir
√	001587		TVA	Hiwassee River @ RM 15.0
¥	HIWASSEE015.6		TVA	Hiwassee River upstream of Cleveland
£	HIWASSEE016.0		TVA	Hiwassee River upstream of Olin
@	HIWASSEE016.7		TVA	Hiwassee River upstream of Bowater
&	HIWASSEE018.6		TVA	Hiwassee River upstream of Hwy 111
¢	OOSTA028.4MM	002058	TDEC	Oostanaula Creek @ RM 28.4

§	OOSTA030.2MM	OOSTANAULA030.2	TDEC	Oostanaula Creek @ RM 30.2
±	OOSTA031.0MM	OOSTANAUL AIS02	TDEC	Oostanaula Creek @ RM 31.0
≠	OOSTA031.2MM	OOSTANAUL AIS01	TDEC	Oostanaula Creek @ RM 31.2
≡	03565428		USGS	Oostanaula Creek near Sweetwater
≤	03565430		USGS	Oostanaula Creek below Johnson Bridge
≥	03565500		USGS	Oostanaula Creek near Sanford
◊	LNMOU003.6MM	LNMOUSE003.6	TDEC	Little North Mouse Creek @ RM 3.6
»	NMOUS024.8MM	NMOUSE024.8	TDEC	North Mouse Creek @ RM 24.8
Φ	035661285		USGS	North Mouse Creek near Athens
¤	NMOUSE024.3		TDEC	North Mouse Creek @ RM 24.3
€	ECO67G08		TDEC	Brymer Creek @ RM 1.3
~	ECO67G09		TDEC	Harris Creek @ RM 4.8
?	ECO67H04		TDEC	Blackburn Creek

**Table A4-4b. Water Quality Monitoring Stations in the Tennessee Portion of the Hiwassee River Watershed.** TDEC, Tennessee Department of Environment and Conservation; USGS, United States Geologic Survey; TVA, Tennessee Valley Authority; NPS, National Park Service.

FACILITY NUMBER	FACILITY NAME	SIC	SIC NAME	MADI	WATERBODY	HUC-10
TN0056740	Taylors Elementary School	4952	Sewerage Systems	Minor	Ditch to Kinser Creek @ RM 0.6	0602000203
TN0001996	J.M. Huber Corporation	2819	Inorganic Dyes	Minor	WWC to Conasauga Creek @ RM 10.7	0602000204
TN0027201	CSX Transportation	4011	Railroads	Minor	Cane Creek @ RM 4.5	0602000204
TN0042064	Johns Manville	3229	Pressed and Blown Glassware	Minor	Crockett Spring Branch @ RM 1.2	0602000204
TN0063771	Etowah STP	4952	Sewerage Systems	Major	Conasauga Creek @ RM 8.0	0602000204
TN0076015	Waupaca Foundry	3321	Gray and Ductile Iron Foundry	Minor	Crockett Springs Branch	0602000204
TN0021938	Englewood STP	4952	Sewerage Systems	Minor	Chestee Creek @ RM 42.4	0602000205
TN0002356	Bowater Newsprint	2621	Newsprint Mills	Major	Hiwassee River @ RM 22.7, 18.1, 16.5, and 15.0	0602000206
TN0002461	Olin Corporation	2819	Inorganic Dyes	Major	Hiwassee River @ RM 16.8, 16.6, and 15.8	0602000206
TN0024121	Cleveland Utilities STP	4952	Sewerage Systems	Major	Hiwassee River @ RM 15.4	0602000206
TN0054828	Calhoun School	4952	Sewerage Systems	Minor	Hiwassee River @ RM 19.1	0602000206
TN0067776	Meadow Branch Landfill	4953	Other Waste Collection when Combined with Disposal	Minor	Unnamed Trib to Meadow Branch, Unnamed Trib to Rogers Creek	0602000208
TN0073024	Coker Millwrights Landfill	4953	Other Waste Collection when Combined with Disposal	Minor	Unnamed Trib to Meadow Branch, Unnamed Trib to Rogers Creek	0602000208
TN0056561	Blue Springs Elementary School	4952	Sewerage Systems	Minor	Blue Springs Branch @ RM 1.1	0602000209

**Table A4-5. Active Permitted Point Source Facilities in the Tennessee Portion of the Hiwassee River Watershed.** SIC, Standard Industrial Classification; MADI, Major Discharge Indicator.

FACILITY NUMBER	PERMITTEE	SIC	SIC NAME	WATERBODY	HUC-10
TN0071676	Rogers Group	1422	Crushed and Broken Limestone	Chestuee Ck	0602000205
TN0071234	T.C. Stone, Inc.	1422	Crushed and Broken Limestone	West Fork Gunstocker Ck	0602000206
TN0065790	Vulcan Const. Materials	1422	Crushed and Broken Limestone	Unnamed Trib to Gunstocker Creek	0602000206
TN0071048	Yates Construction Co.	1479	Barite Mining	Swale to Oostanaula Cr	0602000207
TN0071056	Yates Construction Co.	1479	Barite Mining	Swale to Oostanaula Cr	0602000207
TN0005487	Vulcan Construction Co.	1422	Crushed and Broken Limestone	Unnamed Trib to Mouse Creek	0602000208

**Table A4-6. Active Permitted Mining Sites in the Tennessee Portion of the Hiwassee River Watershed.** SIC, Standard Industrial Classification.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-10
TNR050952	Raines Auto Parts, Inc.	M, K	Unnamed Trib to Horton Br.	8.0	0602000203
TNR051770	Strickland Auto Parts	M	Fivemile Creek	6.0	0602000203
TNR054469	Wapaca Foundry	F	Chestuee Creek	132.0	0602000203
TNR051121	J.M. Huber Corporation	C	Conasauga Creek	92.2	0602000204
TNR054174	Williams Monument Works	E	Cane Creek	0.3	0602000204
TNR050962	Farner Auto Parts	M	WWC to Unnamed Trib to Dancer Branch	8.1	0602000205
TNR051809	Hiwassee Furniture Manuf.	W	Bat Creek	15.0	0602000205
TNR051893	Tellico Culvert Company	AA	Sinkhole	25.0	0602000205
TNR053307	McMinn County Airport	S	Unnamed Trib and WWC to Chestuee Creek	0.5	0602000205
TNR053313	McMinn County Landfill	L	Dry Branch	133.0	0602000205
TNR053484	P-I Incorporated	Y	Mouse Creek	7.0	0602000205
TNR053708	Service Transport, Inc.	P	Bear Creek	13.5	0602000205
TNR050036	Pasco Products, Inc.	P	Ditch to Unnamed Trib to Mouse Creek	1.1	0602000206
TNR050064	Olin Corporation	C	Hiwassee River	100.0	0602000206
TNR050330	Hardwood Frames	A	Little Chatata Creek	12.2	0602000206
TNR050433	Weyerhaeuser Company	B	Little Chatata Creek	5.9	0602000206
TNR050497	Manufacture Chemical	C	Little Chatata Creek	7.5	0602000206
TNR050545	Brown Stone Works, Inc.	AC, P	Flaner Branch	30.0	0602000206
TNR050594	Sun Chemical GPI	C	Little Chatata Creek	7.7	0602000206
TNR051002	Maytag Plant #3	AC	South Mouse Creek	13.2	0602000206
TNR051003	Maytag Plant #1	AC, P	E.F. South Mouse Creek	38.4	0602000206
TNR051019	Bradley Tank and Pipe	E	Mouse Creek	1.5	0602000206
TNR051023	Specialty Chemical Co.	AD	Unnamed Trib to South Mouse Creek	2.6	0602000206
TNR051094	Ballard's Auto Parts	M	Little Chatata Creek	5.0	0602000206
TNR051238	White's Used Cars	M	Ditch to Unnamed Trib to South Mouse Creek	4.0	0602000206
TNR051242	Wampler's Used Auto Parts	M	Ditch to Coahulla Creek	2.0	0602000206
TNR051397	Maytag Truck Terminal	AC	South Mouse Creek	3.9	0602000206
TNR051679	Bradley Block Company	E	East Gopher Creek	10.0	0602000206
TNR051686	ADM Milling Company	U	Woolen Mill Branch	3.0	0602000206
TNR051718	Cleveland Recycled Paper	N	Little Chatata Creek	4.0	0602000206
TNR051736	Randy Goins Used Cars	M	Fivemile Creek	1.0	0602000206
TNR051745	M&M Mars, Incorporated	U	South Mouse Creek	29.0	0602000206
TNR051775	Southern Ionics, Inc.	C	Hiwassee River	3.2	0602000206
TNR051877	Smoky Mtn Transfer Corp.	Q	Hiwassee River	5.7	0602000206
TNR052000	Polymer Components	Y	Unnamed Trib to Mouse Creek	1.5	0602000206
TNR053037	Precision SE Service Ctr.	AA	Unnamed Trib to Little Chatata Creek	1.8	0602000206
TNR053262	Cleveland Municipal Airport	S	Mouse Creek	63.0	0602000206
TNR053372	Coleen McClendon Trucking Company	P	Unnamed Trib to Hiwassee River	18.3	0602000206

TNR053433	Federal Express	S, P	South Mouse Creek	0.7	0602000206
TNR053549	United Parcel Service	P	Mouse Creek	1.1	0602000206
TNR053606	United Knitting, Inc.	V	Unnamed Trib to South Mouse Creek	12.8	0602000206
TNR053648	Duracell USA	AC	Mouse Creek	7.5	0602000206
	Rubbermaid Commercial Products, Incorporated	V	Little Chatata Creek	16.6	0602000206
TNR053689	BFI Waste Systems	P	Candies Creek	7.0	0602000206
	Calhoun Transportation Service, Incorporated	P	Unnamed Trib to Hiwassee River	5.0	0602000206
	Westvaco Consumer Packaging Division	X	Little Chatata Creek	9.8	0602000206
TNR053736	Bradley Farmers Co-Op	AD	South Mouse Creek	12.0	0602000206
TNR053938	Maytag Plant #2	AC	East Fork Mouse Creek	5.6	0602000206
TNR054232	Timber tech	A	Rock Creek	10.0	0602000206
	Custom Mechanical Contractors	AA	Little Chatata Creek	5.2	0602000206
TNR054494	Bishop Baking Company	U	Mouse Creek	5.0	0602000206
TNR054598	JBK Enterprises, Inc.	AA	Gunstocker Creek	4.4	0602000206
TNR055074	ASTEC	AA	Little Chatata Creek	10.0	0602000206
TNR050410	Johnson Controls, Inc.	AA	Oostanaula Creek	4.1	0602000207
TNR051412	Mayfield Dairy	U	Oostanaula Creek	30.0	0602000207
TNR051705	Athens Woodcrafters	W	Oostanaula Creek	0.5	0602000207
TNR053541	Athens Furniture, Inc.	W	Oostanaula Creek	27.0	0602000207
TNR053542	Athens Furniture, Inc.	W	Oostanaula Creek	11.0	0602000207
TNR054543	Athens plow Company	AB	Metro Storm Sewer System	5.3	0602000207
	Curtis Auto Parts	M	WWC to unnamed Trib to South Mouse Creek	4.4	0602000208
TNR050603	Thomas and Betts	AC, AA	Dry Valley Creek North Mouse Creek	24.0	0602000208
TNR050922	P-I, Incorporated	Y	Unnamed Trib to Dry Creek	10.0	0602000208
TNR050968	Niota WWTP	L	Little North Mouse Creek	10.0	0602000208
TNR051440	Heil Trailer International	AB	Little Mouse Creek	40.0	0602000208
TNR051589	PFC Incorporated/Pioneer	W	Unnamed Trib to Dry Valley Creek	7.8	0602000208
TNR051708	Vaughn Bros. Auto Salvage	M	Spring Creek	3.0	0602000208
TNR051888	Bowater, Incorporated	A	Unnamed Tribs to Mouse Creek and Hiwassee River	9.6	0602000208
TNR052085	Textron Automotive Co.	Y, AB	Unnamed Trib to Little Mouse Creek	100.0	0602000208
TNR053001	Environmental Trust Landfill	L	Unnamed Trib to Rogers Creek	164.4	0602000208
TNR053085	Sequatchie Concrete Svcs.	E	None	7.5	0602000208
TNR053113	McMinn County Hwy Dept.	D	Mouse Creek	0.2	0602000208
TNR053984	Denso Manufacturing TN	AB	Blue Springs Brook	100.0	0602000208
TNR054154	Omni Services, Inc.	C	Dry Valley Creek	29.0	0602000208
TNR054537	Mills Products, Inc.	AA	Metro Storm Sewer System	7.3	0602000208
TNR051237	Coca-Cola Enterprises, Inc.	U, AD, P	Hiwassee River	26.0	0602000209
TNR051335	Bradley County Landfill	L	Harris Creek	107.0	0602000209
TNR051680	Clonts Used Auto Parts	M	Unnamed Trib to Beech Springs Branch	2.3	0602000209

TNR051890	Bradley County Landfill Extension	L	Harris Creek	62.8	0602000209
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**Table A4-7. Active Permitted TMSP Facilities in the Tennessee Portion of the Hiwassee River Watershed.** Area, acres of property associated with industrial activity; WWC, Wet Weather Conveyance. Sector details may be found in Table A4-8.

SECTOR	TMSP SECTOR NAME
A	Timber Products Facilities
AA	Facilities That Manufacture Metal Products including Jewelry, Silverware and Plated Ware
AB	Facilities That Manufacture Transportation Equipment, Industrial or Commercial Machinery
AC	Facilities That Manufacture Electronic and Electrical Equipment and Components, Photographic and Optical Goods
AD	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Required)
AE	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Not Required)
B	Paper and Allied Products Manufacturing Facilities
C	Chemical and Allied Products Manufacturing Facilities
D	Asphalt Paving, Roofing Materials, and Lubricant Manufacturing Facilities
E	Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing Facilities
F	Primary Metals Facilities
G	Metal Mines (Ore Mining and Dressing) (RESERVED)
H	Inactive Coal Mines and Inactive Coal Mining-Related Facilities
I	Oil or Gas Extraction Facilities
J	Construction Sand and Gravel Mining and Processing and Dimension Stone Mining and Quarrying Facilities
K	Hazardous Waste Treatment Storage or Disposal Facilities
L	Landfills and Land Application Sites
M	Automobile Salvage Yards
N	Scrap Recycling and Waste and Recycling Facilities
O	Steam Electric Power Generating Facilities
P	Vehicle Maintenance or Equipment Cleaning areas at Motor Freight Transportation Facilities, Passenger Transportation Facilities, Petroleum Bulk Oil Stations and Terminals, the United States Postal Service, or Railroad Transportation Facilities
Q	Vehicle Maintenance Areas and Equipment Cleaning Areas of Water Transportation Facilities
R	Ship or Boat Building and Repair Yards
S	Vehicle Maintenance Areas, Equipment Cleaning Areas or From Airport Deicing Operations located at Air Transportation Facilities
T	Wastewater Treatment Works
U	Food and Kindred Products Facilities
V	Textile Mills, Apparel and other Fabric Product Manufacturing Facilities
W	Furniture and Fixture Manufacturing Facilities
X	Printing and Platemaking Facilities
Y	Rubber and Miscellaneous Plastic Product Manufacturing Facilities
Z	Leather Tanning and Finishing Facilities

**Table A4-8. TMSP Sectors and Descriptions.**

FACILITY NUMBER	PERMITEE	COUNTY	LIVESTOCK	WATERBODY	HUC-10
TNA000069	Jimmy Bilbo	Bradley	Poultry	Chestuee Creek	0602000203
TNA000039	Rollins Farm	Bradley	Poultry	Black Burn Creek	0602000109

**Table A4-9. CAFO Sites in the Tennessee Portion of the Hiwassee River Watershed.**

LOG NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-10
97.846	Polk	Bridge Construction	Hiwassee River	0602000203
97.847	Polk	Road Crossing	Hiwassee River	0602000204
98.593	McMinn	Rip-Rap	Elliot Branch	0602000204
99.006	McMinn	Box Culvert	Elliot Branch	0602000204
99.208	McMinn	Culvert	Crockett Spring	0602000204
00.133	McMinn	Culvert	Crockett Spring	0602000204
99.515A	McMinn	Road Construction	Unnamed Trib to Chestuee Creek	0602000205
99.515B	McMinn	Road Construction	Unnamed Trib to Chestuee Creek	0602000205
99.515C	McMinn	Road Construction	Unnamed Trib to Chestuee Creek	0602000205
98.165	Meigs	Launch Ramp Extension	Hiwassee River	0602000206
98.457	Bradley	RR Bridge Replacement	Hiwassee River	0602000206
98.589	Bradley	Bridge Scour Repair	Unnamed Trib to Mouse Creek	0602000206
98.590	Bradley	Bridge Scour repair	Five-Mile Creek	0602000206
99.333	McMinn	Culvert	Unnamed Trib to Hiwassee River	0602000206
98.181	McMinn	Bridge Construction	Oostanaula Creek	0602000207

**Table A4-10. Individual ARAP Permits Issued January 1994 Through June 2000 in the Tennessee Portion of the Hiwassee River Watershed.**